1. ROOF CONSTRUCTION NO.210 (10.25hg/m2) ASPHALT SHINGLES, 10mm (3/8") PLYWOOD SHEATHING WITH "H" CLIPS. APPROVED WOOD TRUSSES @ 610mm (24") O.C. MAX. APPROVED EAVES PROTECTION TO EXTEND 900mm (3"-0") FROM EDGE OF ROOF AND MIN. 300mm (12") BEYOND INNER FACE OF EXTERIOR WALL. (EAVES PROTECTION NOT RED'D FOR ROOF SLOPES 8:12 OR GREATER) 38x69 (2"x4") TRUSS BRACING @ 1830mm (6"-0") O.C. AT BOTTOM CHORD. PREFIN. ALUM. EAVESTROUGH, FASCIA, RWI. & AT BOTTOM CHOND, PREPAR ALOM, EAVESTHOUGH, PASCA, NYL & VENTED SOFTIT. PROVIDE ICE & WATER SHIELD TO ALL ROOF, WALL SURFACES SUSCEPTIBLE TO ICE DAMMING, ROOF SHEATHING TO BE FASTENED 150 (6") c/c along edges & intermediate supports when trusses spaced greater than 406 (16"), attic ventilation 1:300 of insulated ceiling area with Min. 25% at eaves & Min. 25% at ridge (OBC 9.19.1.2.).

FRAME WALL CONSTRUCTION (2"x6") (SB-12-TABLE 3.1.1.2.A)
SIDING AS PER ELEV., 19x38 (1"x2") VERTICAL WOOD FURRING, CONTIN.
SHEATHING MEMBRANE, 11mm (7/16") EXT. TYPE SHEATHING OR OBC SHEAIHING MEMBRANE, 11mm (7/16") EXT. TYPE SHEATHING ON OBC COMPLIANT EQUINALENT, 38x140 (2"6") STUDS @ 400mm (16") O.C., RSI 3.87 (R22) INSULATION AND APPR. VAPOUR BARRIER AND APPR. CONTIN. AIR BARRIER, 13mm (1/2") INT. DRYWALL FINISH. SIDING TO BE MIN. 200mm (8") ABOVE FINISH GRADE REFER TO OBC SB-12, CHAPTER 3 FOR REQUIRED MINMULM THERMAL INSULATION REQUIREMENTS. FRAME WALL. CONSTRUCTION (2"4")— CARRGE WALLS

SDING AS PER ELEV., 19x38 (1°x2") VERTICAL WOOD FURRING, CONTIN.
SHEATHING MEMBRANE, 11mm (7/16") EXT. TYPE SHEATHING OR OBC
COMPLIANT EQUIVALENT, 38x89 (2°x4") STUDS © 406mm (16") O.C.
(MAX. HEIGHT 3000mm (9"-10")), WITH APPR. DIAGONAL WALL BRACING.
REFER TO NOTE 19 WHERE FLOOR EXISTS ABOVE GARAGE. SIDING TO BE MIN. 200mm (8") ABOVE FINISH GRADE.

(2C) STUCCO WALL CONSTRUCTION (2°x6") (SR-12-TABLE 3.1.1.2.A)
STUCCO CLADDING SYSTEM CONFORMING TO O.B.C. 9.27.1.1.(2) & 9.28
THAT EMPLOY A MINIMUM 10mm AIR SPACE BEHIND THE CLADDING WITH
POSITIVE DRAWAGE TO THE EXT. AND APPLIED PER MANUFACTURERS Specifications on 25mm (1") Min. Extruded or expanded right POLYSTYRENE ON APPR. AIR/MOISTURE BARRIER ON 38x140 (2°x6°) FOLISTMENT ON METAL ARYMOSTORE BARNER ON SAME (2 KB) STUDS @ 406 (16") O.C., RSI 3.87 (R22) BATT INSUL, APPR. 6 MIL POLYETHYLENE VAPOUR BARNER, 13mm (1/2") GYPSUM BOARD INTERIOR FINISH. STUCCO TO BE MIN. 200 (8") ABOVE FINISH GRADE. REFER TO OBC SB-12, CHAPTER 3 FOR REQUIRED MINIMUM THERMAL INSULATION BROUNDSYLEDIA.

STUCCO WALL CONSTRUCTION (2"x4") -GARAGE WALLS
STUCCO CLADDING SYSTEM CONFORMING TO O.B.C. 9.27.1.1.(2) & 9.28 THAT EMPLOY A MINIMUM 10mm AIR SPACE BEHIND THE CLADDING WITH POSITIVE DRAINAGE TO THE EXTERIOR AND APPLIED PER MANUFACTURERS POLISTIRENE ON APPROVED ARK METERS OF EXTRUDED RIGHT RIGHT POLISTIRENE ON APPROVED ARK/MOSTURE BARRIER ON 38-489 (2**4") STUDS @ 406 (16") O.C. (MAX. HEIGHT 3000mm (9"-10")), WITH APPL DIAGONAL WALL BRACING. REFER TO NOTE 19 WHERE FLOOR EXISTS STUCCO TO BE MIN. 200 (8") ABOVE FINISH GRADE.

WALLS ADJACENT TO ATTIC - NO CLADDING WALLS ADJACENT TO ATTIC — NO CLADDING
Ilmin (7/2°6°) EXT. TYPE SHEATHING OR OBC COMPLIANT EQUIVALENT,
36x140 (2°x6°) STUDS © 400mm (16°) O.C., RSI 3.87 (R22)
INSULATION AND APPR. VAPOUR BERRIER AND APPR. CONTIN. AIR
BERRIER, 13mm (1/2°) INTERIOR DRYWALL FRISH. MID—HEIGHT BLOCKING
REQ'D. IF NO SHEATHING APPLIED. REFER TO OBC SB—12, CHAPTER 3
FOR ADDITIONAL THERMAL INSULATION REQUIREMENTS. (2E.)

BRICK VENEER CONSTRUCTION (2"x6") (S8-12-TABLE 31.1.2.A) 3. 90mm (4") FACE BRICK, 25mm (1") AIR SPACE, 22x180x0.76mm (7/6"x7"x0.03") GALV. METAL TIES © 405mm (16") O.C. HORVIGATION (24") O.C. VETCAL APPROVED SHEATHING PAPER, TIMM (7/16") EXTERIOR TYPE SHEATHING OR OBC COMPLIANT EQUIVALENT, 38x140 (2"x8") STUDS @ 408mm (16") O.C., RSI 3.87 (R22)
INSULATION AND APPROVED VAPOUR BARRIER WITH APPROVED CONTIN.
AIR BARRIER. 13mm (1/2") INT. DRYWALL FINISH. PROVIDE WEEP HOLES @ 800mm (32") O.C. BOTTOM COURSE AND OVER OPENINGS. PROVIDE BASE FLASHING UP MIN. 150mm (6") BEHIND BURDING PAPER. BRICK TO BE MIN. 150mm (6") ABOVE FINISH GRADE. REFER TO OBC SB-12, CHAPTER 3 FOR REQUIRED MINIMUM THERMAL INSULATION REQUIREMENTS

BRICK VENEER CONSTRUCTION (2"x4")- GARAGE WALLS 90mm (4") FACE BRICK, 25mm (1") AIR SPACE, 22x180x0.76mm (7/8"x7"x0.03") GALV. METAL TIES @ 406mm (16") O.C. HORIZONTAL (1/6 x x0.03) GAV. MEIAL HES & 400mm (16) D.C. HORIZUNIAL
610mm (24") O.C. VERTICAL APPROVED SHEATHING PAPER, 11mm
(7/16") EXTERIOR TYPE SHEATHING OR OBC COMPLIANT EQUIPALENT,
38x89 (2"x4") STUDS @ 405mm (16") D.C. (MAX. HEIGHT 3000mm
(9"-10")) WITH APPROVED DIAGONAL WALL BRACING. REFER TO NOTE 19
WHERE FLOOR EXISTS ABOVE GARAGE. PROVIDE WEEP HOLES @ 800mm (32") O.C. BOTTOM COURSE AND OVER OPENINGS, PROVIDE BASE FLASHING UP MIN. 150mm (6°) BEHIND BUILDING PAPER. BRICK TO BE MIN. 150mm (6°) ABOVE FINISH CRADE.

STUCCO WALL CONSTRUCTION (2°x6°) (SR-12-TABLE 31.1.2.A) STUCCO CLADDING SYSTEM CONFORMING TO O.B.C. 9.27.1.1.(2) & 9.28
THAT EMPLOYS A MINIMUM 10mm AIR SPACE BEHIND THE CLADDING WITH
POSITIVE DRAIMAGE TO THE EXTERIOR AND APPLIED PER MANUFACTURERS specifications over 25mm (1") Min. Extruded or expanded rigid POLYSTYRENE ON APPR. CONTIN. AIR/MOISTURE BARRIER ON 38x140 POLISTINETE OF PETE CONTINE ANY MUSISIANE BOUNDED AND SORTHON (16") O.C., RSI 3.87 (R22) BATT INSUL, APPR. 6 ML POLYETHYLENE VAPOUR BARRIER, 13mm (1/2") CYPSUM WALLBOARD INTERIOR FINISH. STUCCO TO BE MIN. 200 (8") ABOVE FINISH GRADE. REFER TO OBC SE-12, CHAPTER 3 FOR REQUIRED MANAGEMENT STRONG BETWEEN CONTINUED BETWE



STRUDET INC. FOR STRUCTURE ONLY

INTERIOR STUD PARTITIONS

4. FOR SEARING PARTITIONS 38x89 (2"x4") @ 408mm (16") O.C. FOR 2 STOREYS AND 305mm (12") O.C. FOR 3 STOREYS, NON-BEARING PARTITIONS 38x89 (2°x4°) @ 510mm (24°) 0.C.
PROVIDE 38x89 (2°x4°) BOTTOM PLATE AND 2/38x89 (2/2°x4°)
TOP PLATE. 13mm (1/2°) INT. DRYWALL BOTH SIDES OF STUDS,
PROVIDE 38x140 (2°x6°) STUDS/PLATES WHERE NOTED.

FOUNDATION WALL/FOOTINGS: (9.15.3 9.15.4 9.13.2 9.14.2.1.(2)) 200mm (8") POURED CONC. FDTN. WALL 15MPa (2200psi) WITH BITUMENOUS DAMPPROOFING AND DRAINAGE LAYER, DRAINAGE LAYER REO'D, WHEN BASEMENT INSUL, EXTENDS 900 (2'-11") BELOW FIN. REQU. WHEN BASEMENI INSUL EXTENDS 900 (2 -11) BELOW FIN.
GRADE DRAINGE LAYER IS NOT REQ'D. IF FOUNDATION WALL IS
WATER/ROOFED. MAXIMUM POUR HEIGHT 2390 (7'-10") ON 500x155
(20"x6") CONTINUOUS KEYED CONC. FTG. BRACE FOTIN. WALL PRIOR TO
BACKFILLING. ALL FOOTINGS SHALL REST ON NATURAL UNDISTURBED
SOIL OR COMPACTED ENGINEERED FILL.

STRIP FOOTINGS - FOR TOWNHOUSES FOR STRIP FOOTING SIZES REFER TO BLOCK FOUNDATION PLAN. ASSUMED 120 KPg (18 p.s.i.) SOIL BEARING CAPACITY FOR TOWNHOUSES TO BE VERIFIED ON SITE

-MAXIMUM FLOOR LIVE LOAD OF 2.4kPg. (50est.) PER FLOOR. -REFER TO SOILS REPORT FOR SOIL CONDITIONS AND BEARING

FOUNDATION DRAINAGE OBC. 9.14.2. & 9.14.3. (6.) 100mm (4") DIA. FOUNDATION DRAINAGE TILE 150mm (6") CRUSHED STONE OVER AND AROUND DRAINAGE TILES.

7. BASEMENT SLAB QBC. 9.3.1.6.(1)(b). 9.16.4.5.(1). 9.25.3.3.(15) 80mm (3")MIN. 25MPo (3800psi) CONC. SLAB ON 100mm (4") COARSE GRANULAR FILL, OR 20MPo. (3000psi) CONC. WITH DAMPPROOFING BELOW SLAB. UNDER SLAB INSULATION PER SB-12; DAMPPROUPING BELLOW SLAB. UNDER SLAB INSULATION PER SB-12; 3.1.1.7.(5)(6) where required. ALL SLAB JOINTS & PENETRATIONS TO BE SEALED TO MAINTAIN AIR

WOOD SUBFLOORS (SEE OBC. 9.23.14. & 9.30.2.1) 8. -19mm (3/47) MIN. T & G SUBFLOOR UNDER GROUND FLOOR FINISH 16mm (5/8") T&G SUBFLOOR UNDER SECOND FLOOR FINISH FLOOR. 16mm (5/8") PANEL—TYPE UNDERLAY FOR CERAMIC TILE APPLICATION.
6mm (1/4") PANEL—TYPE UNDERLAYMENT UNDER RESIDENT &
PARQUET FLOORING.

9. ATTIC INSULATION (S8-12-TABLE 3.1.1.2.A) (S8-12-3.1.1.B) RSI 10.56 (R60) BLOWN IN ROOF INSULATION AND APPROVED VAPOUR BARRIER, 16mm (5/8") INT. DRYWALL FINISH OR APPROVED EQUAL.

ALL STAIRS/EXTERIOR STAIRS -OBC. 9.8.UNIFORM RISE -5mm (1/4") MAX BETWEEN ADJACENT TREADS
OR LANDINGS 10. UNIFORM RISE -10mm (1/2") Max between tallest & Shortest rise in flight

= 200 (7-7/8") MIN. RUN MIN. TREAD = 210 (8-1/4")= 235 (9-1/4") = 25 (1") = 1950 (6'-5") MAX. NOSING MIN. HEADROOM RAIL @ LANDING = 900 (2'-11'')RAIL @ STAIR = 865 (2'-10'') to 965 (3'-2'')

FOR CURVED STAIRS = 150 (6") = 200 (8")

MIN. STAIR WIDTH

MIN. RUN = 150 (6")
MIN. AVG. RUN = 200 (8")
MANDRAILS - OBG. 9.8.7.—
PICKETS. CLEARANCE BETWEEN HANDRAIL AND SURFACE BEHIND IT TO
BE 50 (2") MIN. HANDRAILS TO BE CONTINUOUS EXCEPT FOR NEWEL
POST AT CHANGES OF DIRECTION .

= 860 (2'-10'')

INTERIOR GUARDS -CBC. 9.8.8.-INTERIOR GUARDS: 900mm (2'-11") MIN. HIGH

EXTERIOR GUARDS - CBC. 9.8.8. SOORM (36) HICH GUARD WHERE DISTANCE FROM PORCH TO FAN.
GRADE IS LESS THAN 1800mm (71"). 1070mm (42") HIGH GUARD IS
REQUIRED WHERE DISTANCE EXCEEDS 1800mm (71").

SILL PLATE ANCHORAGE

12) 38x99 (2*x⁴) SILL PLATE WITH 13mm (1/2") DIA ANCHOR BOLTS
200mm (8") LONG, EMBEDDED MM. 100mm (4") NTO CONC. ⊕
2400mm (7"-10") O.C. CAULKING OR 25 (1") MIN. MINERAL WOOL BETWEEN PLATE AND TOP OF FDTN. WALL
USE NON-SHRINK GROUT TO LEVEL SILL PLATE WHEN REQUIRED.

BASEMENT INSULATION (SB-12-3.1.1.7), 9.25.2.3, 9.13.2.6) (13.) FOUNDATION WALLS ENCLOSING HEATED SPACE SHALL BE INSULATED FROM THE UNDERSIDE OF THE SUBFLOOR TO NOT MORE THAN 200m (8") ABOVE THE FINISHED FLOOR & NO CLOSER THAN 50mm (2") OF (8") ABOVE THE FINISHED FLOOR & NO CLOSER THAN 50mm (2") OF THE BASEMENT SLAB. RSI 3.52ci (R20ci) BLANKET INSULATION TO HAVE APPROVED VAPOUR BARRIER. RECOMMEND DAMPPROOF WITH BUILDING PAPER BETWEEN THE FOUNDATION WALL AND INSULATION UP TO GRADE LEVEL. NOTE: FULL HEIGHT INSULATION AT COLD CELLAR WALLS. AIR BARRIER TO BE SEALED TO FOUNDATION WALL WITH CAULDING. CONTINUOUS INSULATION (G) IS NOT TO BE INTERRUPTED BY FRAMING.

BASEMENT BEARING STUD PARTITION 144) 38x89 (2°x4°) STUDS @ 406mm (16°) O.C. 38x89 (2°x4°) SILL PLATE ON DAMPPROOFING MATERIAL, 13mm (1/2") DIA ANCHOR BOLTS 200mm (8°) LONG, EMBEDDED MM. 100mm (4°) MTO CONC. © 2400mm (7"-10") O.C. 100mm (4") HIGH CONC. CURB ON 305x155 (12"x6") CONC. FOOTING. ADD HORIZ. BLOCKING AT MID-HEIGHT IF WALL IS UNFINISHED.

15) STEEL BASEMENT COLUMN (SEE O.B.C. 9.15.3.3) 89mm(3-1/2") DIA x 4.78mm(0.188") STL COL WITH A MIN. CAPACITY OF 108.6kN (24,000lbs.) WITH 150x150x9.5 (6"x6"x3/8") STL TOP & BOTTOM PLATE.

STEEL COLUMN 90mm(3-1/2") DIA x 4.78mm(0.188") STL COL WITH 100x100x6.0 (4"x4"x1/4") TOP & BOTTOM PLATES, FIELD WELD
BOTTOM PLATE TO 100x25[x12.5 (4"x10"x1/2") RASE PLATE (9/x) ALL TO 100x25[x12.5 (4"x10"x1/2") RASE PLATE (9/x) ALL TO 100x10 DIA x 300mm (000 x50mm H00% ANCHORS) 2-12HIN UNK X JUDHEN QUANN HOUS ANCHORS

(2-1/2*x12*x2*). THE COLIANN TO STUD WALL WITH 2-32x3.175

(1 1/4*x 1/8*) STEEL STIAP WELDED TO COLIANN WITH 2-32x3.175

TO STUD WITH 2-5DS 6.35x38 (1/4*x1 1/2*) SCREVS MANUF.

BY SIMPSON STRONG THE

FEB 0 4 2021

REC BY DATE

CONCRETE PILASTER 16) BEAM POCKET OR 200%200 (8"x8") POURED CONC. NIB WALLS.
MIN. BEARING 90mm (3-1/2")

19%38 (1°%2°) Continuous wood strapping both sides of steel beam. (obc. 9.23.4.3.(3c))

GARAGE SLAB

100mm (4") 32MPa (4640psi) CONC. SLAB WITH 5-8% AIR
ENTRAINMENT ON OPTIONAL 100 (4") COARSE GRANULAR FILL WITH
COMPACTED SUB-BASE OR COMPACTED NATIVE FILL SLOPE TO FRONT (EXTERIOR) AT 1% MIN.

INTERIOR CARAGE WALLS & CEILINGS (SB-12-TABLE 3).1.2.A) 34 13mm (1/2") GYPSUM BOARD ON WALL AND CELLING BETWEEN HOUSE AND GARAGE, RSI 3.87 (R22) IN WALLS, RSI 5.46 (R31) IN CELING, TAPE AND SEAL ALL JOAN'S ARTICHT PER O.B.C. 9.10.9.16. REFER TO SB-12, TABLE 3.1.1.2.A. FOR REQUIRED THERMAL INSULATION.

20) DOOR AND FRAME CASPROOFED. DOOR EQUIPPED WITH SELF CLOSING DEVICE AND WEATHERSTRIPPING PER OBC 9.10.13.15.

PRECAST CONCRETE STEP OR WOOD STEP WHERE NOT EXPOSED TO WEATHER, MAX, RISE 200mm (7-7/8") MIN, TREAD 250mm (9-27/32°). SEE OBC. 9.8.9.2., 9.8.9.3. & 9.6.10.

(22) DRYER VENT(OBC-6.2.3.8(7). & 6.2.4.1.1)
CAPPED DRYER EXHAUST VENTED TO EXTERIOR.
(USE 100mm (4") DIA. SMOOTH WALL VENT PIPE).

INSULATED ATTIC ACCESS (OBC-9.19.21. & SB12-3.1.1.8)
ATTIC ACCESS HATCH WITH MIN. DIMENSION OF 545x700mm ATTLE ACCESS PATCH WHIT WAY, DWELTSON OF SHOOT STATEMENT (21-1/2"x27-1/2") & A MINI, AREA OF 0.32 SQ.M. (3.44 SQ.F.), WITH WEATHERSTRIPPING. RSI 3.52 (R20) RIGID INSULATION BACKING. SEE OBC SB-12, 3.1.1.8.

FIREPLACE CHIMNEYS -OBC. 9.21.-TOP OF FIREPLACE CHINNEY SHALL BE 915mm (3'-0") ABOVE THE HIGHEST POINT AT WHICH IT COMES IN CONTACT WITH THE ROOF AND 610mm (2'-0") ABOVE THE ROOF SHIRFACE WITHIN A HORIZ. DISTANCE OF 3050mm (10'-0") FROM THE CHIMNEY.

(25) LINEN CLOSETS 4 SHELVES MIN. 350mm (14") DEEP.

MECHANICAL EXHAUST FAN, VENTED TO EXTERIOR AS REQUIRED BY OBC. 9.32.3.5. & 9.32.3.10.

STEEL BEARING PLATE FOR MASONRY WALLS

260x280x16 (11"x11"x5/8") STL. PLATE FOR STL BEAMS AND
260x280x12 (11"x11"x1/2") STL. PLATE FOR WOOD 8CAMS
BEARING ON CONC. BLOCK PARTYWALL, ANCHORED WITH 2-19mm
(3/4") x 200mm (8") LONG GALY. ANCHORS WITHEN SOLD BLOCK
COURSE LEVEL WITH NON-SHRRIK GROUT.

SOLID WOOD BEARING FOR WOOD STUD WALLS SOLID BEARING TO BE AT LEAST AS WIDE AS THE SUPPORTED MEMBER SOUD WOOD SEARING COMPRISED OF BUILT-UP WOOD STUDS TO BE CONSTRUCTED IN ACCORDANCE WITH OBC 9.17.4.2(2).

CLASS '8' VENT U.L.C. RATED CLASS '8" VENT 610mm (2'-0") ABOVE THE POINT IN CONTACT WITH THE ROOF FOR SLOPES UP TO 9/12, REFER TO THE ONTARIO GAS UTILIZATION CODE.

BASEMENT WOOD POST (OBC 9,17,4.) (29) 3-38140 (3-2%) BUIL-UP-POST ON METAL BASE SHOE ANCHORED TO CONC. WITH 12.7 DIA BOLT. 406:406x203 (16%16%8") CONC. FTG. OR AS OTHERWISE SPECIFED ON DRAWING.

(30.) STEPPED FOOTINGS (OBC 9.15.3.9.)
MIN. HORIZ. STEP = 600mm (24*). MAX. VERT. STEP = 600mm (24").

LOOSE STEEL LINTELS

3 SB NOTE FURTHER DEFINED.

2 RE-ISSUED. 1 ISSUED FOR PERMIT

SLAB ON GRADE
MIN. 100mm (4") CONCRETE SLAB ON GRADE ON 100mm (4")
COARSE GRANULAR FILL REINFORCED WITH 6x6-WZ.9xWZ.9 MESH
PLACED NEAR MID-DEPTH OF SLAB. CONC. STRENGTH 32 MPa (4640 psi) With 5-8% AIR ENTRAINMENT ON COMPACTED SUB-GRADE. UNDER SLAB INSULATION AS PER CBC. SB-12 3.1.1.7.(5)(6) AND SB-12, TABLE 3.1.1.2.A. where required.
ALL JOHN'S & PENETRATIONS OF INTERIOR SLABS TO BE SEALED TO MAINTAIN AIR BARRIER

DRE STEEL LINERLS

=3-1/2" x 3-1/2" x 1/4"L (90x9)x6.0L)

=4" x 3-1/2" x 5/16"L (100x90x8.0L)

=5" x 3-1/2" x 5/16"L (125x90x8.0L)

=6" x 3-1/2" x 3/8"L (150x90x10.0L)

=6" x 4" x 3/8"L (150x100x10.0L)

=7" x 4" x 3/8"L (180x100x10.0L) PAD FOOTINGS 120 (Gr. NATUE SUL 90 (Gr. ENGINEERD FILL SOIL FI = 42°42°×18° CONCRETE PA) F1 = 48°448°×20° CONCRETE PA LALDWIED VEIEER LUMBER (LM.) BEAUS F2 = 36"x36"x16" CONCRETE PAU F2 = 40"x40"x16" CONCRETE PAU =1-1 3/4°x7 1/4° (1-45x18+) =2-1 3/4°x7 1/4° (2-45x18+) =3-1 3/4°x7 1/4° (3-45x18+) =4-1 3/4°x7 1/4° (4-45x18+) =1-1 3/4°x9 1/4° (1-45x235) = 30"x30"x12" CONCRETE PAD F3 = 34"x34"x14" CONCRETE PAG = 24"x24"x12" CONCRETE PAD F4 = 28°x28°x12° CONCRETE PAG (REFER TO FLOOR PLAN FOR UNUSUAL SIZE PAGS NOT ON CHART.) DOOR SCHEOULE =1-1 3/4 x9 1/4 (2-45x235) =2-1 3/4 x9 1/4 (2-45x235) =3-1 3/4 x9 1/4 (3-45x235) =4-1 3/4 x9 1/4 (4-45x235) =1-1 3/4 x11 7/8 (1-45x30) NCS. WIDTH HEIGHT HEIGHT 8'10 9' 10' OR CEILING CEILING INSULATED ENTRANCE DOOR
INSULATED FRONT DOORS
INSULATED FRONT DOORS
EXTERIOR SLAS DOOR
INTERIOR SLAB DOOR = 1-1 3/4 x11 7/8 (1-45x30) =2-1 3/4 x11 7/8 (2-45x300) =3-1 3/4 x11 7/8 (3-45x300) =4-1 3/4 x11 7/8 (4-45x300) =2-1 3/4 x14 (2-45x356) =3-1 3/4 x14 (3-45x356) LVL6

LVL9 ENCK VEIGER LINTELS WARD LARTELS AND EEALS WL1 =3-1/2° x 3-1/2° x 1/4°L (89x89x6.41) + 2-2"x8" SPR. No.2 WB1 =2-2"x8" (2-38x184) SPR. No.2 | WB1 = 2-2"x8" (2-38x184) SPR No.2 | WB2 = 3-2"x8" (3-38x184) SPR No.2 | WB3 = 2-2"x10" (2-38x235) SPR No.2 | WB4 = 3-2"x10" (3-38x235) SPR No.2 | WB5 = 2-2"x12" (2-38x235) SPR No.2 | WB6 = 3-2"x12" (3-38x286) SPR No.2 | WB7 = 5-2"x12" (3-38x286) SPR No.2 | WB11 = 4-2"x10" (4-38x235) SPR No.2 | WB12 = 4-2"x12" (4-38x236) SPR No.2 WL1 = 3-1/2 x 3-1/2 x 1/4 L (BSX59X0.4L)
WL2 = 4" x 3-1/2" x 5/16"L (102x89X7.9L)
WL3 = 5" x 3-1/2" x 5/16"L (127x89X7.9L)
WL4 = 6" x 3-1/2" x 7/16"L (152x89x11.0L)
WL5 = 6" x 4" x 7/16"L (152x102x11.0L) 2-2"x8" SPR. No.2 2-2"x10" SPR. No.2 2-2"x12" SPR. No.2 2--2"x12" SPR. No.2 2--2"x12" SPR. No.2 WL6 =5" x 3-1/2" x 5/16"L (127x89x7.9L) WL7 =5" x 3-1/2" x 5/16"L (127x89x7.9L) 3-2"x12" SPR. No.2 WL8 =5" x 3-1/2" x 5/16"L (127x89x7.9L) WL9 =6" x 4" x 7/16"L (152x102x11.0L) 3--2°x10° SPR. No.2 3--2°x10° SPR. No.2

The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontorio Building Loca to be a Designer. Vink ncidemetra information Richard Vink registration information VAS Design inc. 42658 DEC 03/20 GW AUG 24/20 GW Contractor must walfy at dimensions on the job and report any decorporary to the Disigner before proceeding with this work. All demines and specifications are instruments of service and the property determines are not to be seen to be completion of the early.

DIRECT VENTING GAS FURNACE VENT
DIRECT VENT FURNACE TERMINAL MIN. 900mm (36") FROM A GAS
REGULATOR. MIN. 300mm (12") ABOVE FIN. GRADE, FROM ALL OPENINGS,
EXHAUST AND INTAKE VENTS. HRY INTAKE TO BE A MIN. OF 1830mm
(6'-0") FROM ALL EXHAUST TERMINALS. REFER TO GAS UTILIZATION
CODE. ALL AIR INTAKES SHALL BE LOCATED SO THAT THEY ARE
SEPARATED FROM KITCHEN EXHAUST BY 3.0M IN COMPLIANCE WITH O.B.C.
DIV.-B 18BLE 6.2.3.12...

DIVERTAL VENTING CASE DISTRICTOR NOTATION.

(33) DIRECT VENTING GAS FIREPLACE VENT TO BE A MINIMUM 300mm (12") FROM ANY OPENING AND ABOVE FIN. GRADE. REFER TO GAS

JOIST STRAPPING AND BRIDGING (SEE ORC. 9.23.9.4) 16mm (5/8") T & G SUBFLOOR ON WOOD FLOOR JOISTS, FOR CERAMIC TILE APPLICATION (° SEE OBC 9.30.6. °) 6mm (1/4") PANEL TYPE UNDERLAY UNDER RESILIENT & PARQUET FLOORING. (° SEE OBC 9.30.2.*)
FLOOR JOISTS WITH SPANS OVER 2100mm (6'-11") TO BE BRIDGED

WITH 38x38 (2"x2") CROSS BRACING OR SOLID BLOCKING @ 2100mm (6"-11") O.C. MAX. AND WHERE SPECIFIED BY JOIST TABLES A-1 OR A-2 STRAPPING SHALL BE 19x64 (1"x3") @ 2100mm (6"-11") O.C. UNLESS A PANEL TYPE CEILING FINISH IS APPLIED. (* SEE OBC

35 EXPOSED BUILDING FACE ORC. 9,10,15.
STERROR WALLS TO HAVE A FIRE RESISTANCE RATING OF NOT LESS THAN 45 min. WHERE LIMITING DISTANCE (LD) IS LESS THAN 1.2M (3'-11"). WHERE THE LIS IESS THAN 600mm (1'-11") THE EXPOSING FACE SHALL BE CLAD IN NON-COMBUSTIBLE MATERIAL. SEE ELEVATIONS FOR ADDITIONAL NOTES.

COLD CELLAR PORCH SLAB (OBC 9.39.)

5/8") O.C., anchored in Perimeter FDTN. Walls. Slope Slab win. 1.0% from Door. Slab to have Min 75mm (3") bearing on FDTN. WALLS. PROVIDE (LI) LINTELS OVER CELLAR DOOR AND WITH 100mm (4")

BRICK CHECK

SRICK CHECK

THE FORM. WALL SHALL NOT BE REDUCED TO LESS THAN 90mm (3-1/2")
THICK TO A MAX. DEPTH OF 660mm (26") AND SHALL BE TIED TO THE FACING MATERIAL WITH METAL TIES SPACED 200mm (8") O.C. VERTICALLY AND 900mm (36") O.C. HORIZONTALLY. FILL SPACE BETWEEN WALL AND FACING SOLID WITH MORTAR.

CONVENTIONAL ROOF FRAMING (2.0Kpg. SNOW LOAD) (38) 38x140 (2*x6*) RAFTERS @ 408mm (16*0.C.) FOR MMX 11*-7* SPAN, 38x144 (2*x6*) RAFTERS @ 408mm (16*0.C.) FOR MMX 11*-7* SPAN, 38x184 (2*x6*) RIDGE BOARD. 38x38 (2*x4*) CULLAR TIES AT MIDSPANS CEILING JUSTS TO BE 38x89 (2*x4*) @ 408mm (16*) C.C. FOR MMX. 2230mm (9*-3*) SPAN & 38x140 (2*x6*) @ 405 (16*) C.C. FOR MMX. 4450mm (14'-7") SPAN. 440JMM (44-7) SPAN.

RAFTERS FOR BUILT-UP ROOF TO BE 38x89 (2"x4") @ 610mm (24")

O.C. WITH A 38x69 (2"x4") CENTRE POST TO THE TRUSS BELOW,

LATERALLY BRACED @ 1800mm (6"-0") O.C. VERTICALLY.

TWO STOREY VOLUME SPACES (39) FOR A MAXIMUM 5430 mm (18"-0") HEIGHT AND MAXIMUM SUPPORTED ROOF TRUSS LENGTH OF 6.0m, PROVIDE 2-38x140 (2-2"x6") SPR #2 CONTIN. STUDS @ 305mm (12") O.C. (TRIPLE UP AT EVERY THIRD DOUBLE STUD FOR BRICK WALLS) C/W 9.6 (3/8") THICK EXT. PLYWOOD SHEATHING. PROVIDE SOLID WOOD BLOCKING BETWEEN WOOD STUDS @ 1220 mm (4'-0") O.C. VERTICALLY. -FOR WALLS WITH HORIZ, DISTANCES NOT EXCEEDING 2900 mm (9'-6"), PROVIDE 38x140 (2"x6") STUDS @ 405 (16") O.C. WITH COMINIOUS 2-38x140 (2-2"x6")TOP PLATES + 1-38x140 (1-2"x6") BOTTOM PLATE & MINIMUM OF 3-38x184 (3-2"x CONT. HEADER AT GRIND. CELING LEVEL TOE-MAILED & GLUED AT TOP, BOTTOM PLATES AND HEADERS.

EXPOSED FLOOR TO EXTERIOR (SB-12-TABLE 31,1,2A) PROVIDE RSI 5.46 (R31) INSULATION, APPROVED VAPOUR BARRIER AND CONTINUOUS AIR BARRIER, FINISHED SOFFIT.

PARTYWALLS
TYPICAL 1 HOUR HATED PARTYWALL
REFER TO DETAILS FOR TYPE AND SPECIFICATIONS

EXTERIOR WALLS FOR WALK-OUT CONDITIONS

THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2°x6")
STUDS @ 400mm (16") o.c. <u>OR</u> 38x89 (2°x4") STUDS @

WWDOWS:

) MINIMUM BEDIROOM WINDOW —OBC. 9.9.10.1—
AT LEAST ONE BEDROOM WINDOW ON A ONEN FLOOR S TO HAVE MEN.
0.35m2 UNOBSTRUCTED GLAZED OR OPENABLE AREA WITH MIN. CLEAR

U.S. WINDOW CLARD WAS A ON OPERABLE AREA WIN MIN. CLEAR WIDTH OF 350 mm (1'-3').

WINDOW CLARDS — CEC. 9.8.8.1.(6)

A CUARD IS REQUIRED WHERE THE TOP OF THE WINDOW SILL IS LOCATED LESS THAN 480mm (1'-7') ABOVE FIN. FLOOR AND THE DISTANCE FROM THE FIN. FLOOR TO THE ADJACENT GRADE IS GREATER THAN 1800mm

(S'-117)
WINDOW WELLS -OBC. 9.14.6.3.
ALL WINDOW WELLS TO DRAIN TO FOOTING LEVEL PER OBC 9.14.6.3.
CHECK WITH THE LOCAL AUTHORITY.
EXTERIOR WINDOWS
ALL EXTERIOR WINDOWS TO COMPLY WITH REQUIREMENTS STATED IN
O.B.C.-DW. B-9.7.1.7. & SB12-3.1.1.9.

DOORS:) <u>Exterior doors— Thermal resistance</u>
ALL EXTERIOR DOORS TO COMPLY WITH THERMAL RESISTANCE AS STATED (I Q.B.C. SB-12-3.1.1.9.

O.B.C. SB-12-3.1.1.9.
2) EXTERIOR SLIDING GLASS DOORS— THERMAL RESISTANCE
ALL EXTERIOR SLIDING GLASS DOORS TO COMPLY WITH THERMAL
PERFORMANCE AS STATED IN O.B.C. SB-12-3.1.1.9.

) MECHANICAL VENTILATION IS REQUIRED TO PROVIDE 0.3 AIR CHANGES PER HOUR AVERAGED OVER 24 HOURS. SEE MECHANICAL DR

) ALL DOWNSPOUTS TO DRAW AWAY FROM THE BUILDING AS PER OBC

ALL CONSTRUCTS TO UNDER SHAP FROM THE BUILDING AS PER DICT.

STUD WALL REPROSCRIENT FOR FUTURE GRAB BARS IN MAIN EAPHROOM
REINFORCEMENT OF STUD WALLS SHALL BE INSTALLED ADJACENT TO WATE
CLOSETS AND SHOWER OR BATHTUB IN MAIN BATHROOM, REFER TO DEC.

9.5.2.3, 3.8.3.8.(3)(q), 3.8.3.8.(3)(c), 3.8.3.13.(2)(q) & 3.8.3.13.(4)(e).

AIR BARRIER SYSTEMS TO COMPLY WITH O.B.C.-DV. B, 9.25.3.

CUIDOOR AIR INTAKE
ALL OUTDOOR AIR INTAKES SHALL BE LOCATED SO THAT THEY ARE SEPARATED FROM SOURCES OF CONTAMBATION (EXHAUST VENTS) IN COMPLIANCE WITH O.B.C. DIV.-B 6.2.3.12. AND TABLE 6.2.3.12.

UMBER:

) ALL LUMBER SHALL BE SPRUCE NO.2 GRADE, UNLESS NOTED OTHERWISE) LUMBER EXPOSED TO THE EXTERIOR TO BE SPRUCE No.2 GRADE PRESSURE TREATED OR CEDAR, UNLESS NOTED OTHERWISE.

ALL LAMINATED VENEER LUMBER (LV.L.) BEANS, GROEF TRUSSES, AND METAL MANGER CONNECTIONS SUPPORTING ROOF FRAMING TO BE DESIGNED & CERTIFIED BY ROOF TRUSS MANUF.

LVL BEANS SHALL BE 2.0E-2950Fb MIN. NAIL EACH PLY OF LVL WITH

89mm (3 1/2") Long Common wire Mals 0 300mm (12") O.C. Staggered in 2 rows for 184,240 & 300mm (7 1/4",9 1/2", 11 7/6") depths and staggered in 3 rows for greater depths and 4 PLY MEMBERS ADD 13mm (1/2") DIA. GALV. BOLTS BOLTED AT MID-DEPTH OF BEAM @ 915mm (3'-0") O.C.

PROVIDE TOP MOUNT BEAM HANGERS TYPE "SCL" MANUFACTURED BY SUPSON STRONG—TE OR COUNL FOR ALL LVL BEAM TO BEAM CONNECTIONS LINLESS NOTED OTHERWISE.

JOIST HANGERS: PROVIDE METAL HANGERS FOR ALL JOISTS AND BUILT-UP WOOD MEMBERS INTERSECTING FLUSH BUILT-UP WOOD MEMBERS.

WOOD FRAMENG NOT TREATED WITH A WOOD PRESERVATIVE, IN CONTACT WITH CONCRETE, SHALL BE SEPARATED FROM THE CONCRETE BY AT LEAST 2 mil Polyethylene film, No. 50 (45lbs.) Roll Roofing or other Dampproofing Material, except where the wood member is at least 150mm (6") ABOVE THE GROUND.

STEEL:

STRUCTURAL STEEL SHALL CONFORM TO CAN/CSA-G40.21 GRADE 350W.
"STRUCTURAL QUALITY", PER OBC. B-9.23.4.3.

REINFORCING STEEL SHALL CONFORM TO CSA-G30-18M GRADE 400R STUCCO:

ALL STUCCO WALLS TO HAVE A MINIMUM 10mm AIR SPACE BEHIND THE CLADDING WITH POSITIVE DRAININGS TO THE EXTERIOR. THE EXTERIOR SHEATHING BUIST NOT BE GYPSIJM BASED, ALL STUCCO TO BE INSTALLED AS PER MANIFACTHERER'S RESCRIPT

THE MINIMAL THERMAL PERFORMANCE OF BUILDING ENVELOPE AND EQUIPMENT SHALL CONFORM TO THE FOLLOWING SB-12 COMPLIANCE PACKAGE AS PER OBC SUPPLEMENTARY STANDARD SB-12,

USE SB-12 COMPLIANCE PACKAGE (A1): A1 Notes: 10.56 R20 at inner fac (R60) of exterior walls Minimum RSI (R) value Ceiling without Affic Space 5.46 BATT or SPRAY (R31) Minimum RSI (R) value Exposed Floor 5.46 BATT or SPRAY (R31) finimum RSI (R) volue 3.87 (R22) 6" R22 BATT Minimum RSI (R) value 3.52ci OPTION TO USE (R20ci) R12+R10ci. Minimum RSI (R) value
Edge of Below Grade Sla 1.76 (R10) m below grade Minimum RSI (R) value 1.6U (0.28) 2.8U (0.49) Space Heating Equip Minimum AFUE 96% Min. NATURAL GAS Hot Water Hen NATURAL GAS

75%

covery Unit (DWHR)

DESIGN

Rd Suite 120

416.630.2255 f 416.630.4782 APRIL 2020 GW

Dependent on number of shorters installed.
Refer to \$212-3.1.1.12 for information

LEGEND

 $\Theta_{\delta_{r}}$

-69-

CLASS 'B' VENT

WEATHERPROOF DUPLEX OUTLET

C LIGHT FIXTURE (PULL CHAIN)

SWITCH

POT LIGHT

EXHAUST FAN TO EXTERIOR \circ ⊕ & DUPLEX OUTLET (HEIGHT A.F.F) DUPLEX OUTLET (12" ABOVE SURFACE) GFI DUPLEX OUTLET

> HEAVY DUTY OUTLET (220 volt) ф LIGHT FIXTURE (CEILING MOUNTED) φ-LIGHT FIXTURE (WALL MOUNTED)

® &FLOOR DRAIN HOSE BIB
(NON-FREEZE) S.A. COMBINED SMOKE

DJ -- DOUBLE JOIST TJ - TRIPLE JOIST SJ -- SINGLE JOIST LVL - LAMINATED VENEER

POINT LOAD
X FROM ABOVE

P.T. PRESSURE TREATED

G.T. GIRDER TRUSS BY ROOF TRUSS MANUF.

I FLAT ARCH

ICA I CURVED ARCH

M.C. MEDICINE CABINET

CONC. BLOCK WALL

SPECIAL WALL CONSTRUCTION SEE NOTE ON PLANS

SOLID WOOD BEARING (SPRUCE No. 2).
SOLID BEARING IS TO SE AS WIDE AS SUPPORTED MEMBER OR AS DIRECTED BY STRUCTURAL ENGINEER. SOLID BEARING TO BE MINIMUM 2 PIECES. THE NUMBER SHOWN AFTER "SB" REPRESENTS THE NUMBER OF PLIES REQUIRED. EXAMPLE SB3 = 3 PLY SOLID BEARING.

SOLID WOOD BEARING TO MATCH FROM ABOVE

NOTE: SOLID BEARING TO BE AT LEAST AS WIDE AS THE SUPPORTED

SMOKE ALARM (REFER TO OSC 9.10.19) PROVIDE ALASTM INFFER TO USE 9.10.19)
PROVIDE 1 FER FLOOR, NEAR THE STANS CONFECTING THE FLOOR
LEVEL AND ALSO 1 IN EACH SEDROOM NEAR HALL DOOR, ALARAS
TO BE CONNECTED TO AN ELECTRICAL CIRCUIT AND INTERCONNECTED
TO ACTIVATE ALL ALARAS IF 1 SOLADS, BATTERY BACK-UP
REQUIRED, SHOKE ALARAS TO INCORPORATE VISUAL SIGNALLING
COMPONENT.

CARRON MONOXIDE ALARM (OBC 9.33.4.) WHERE A FUEL-RURNING APPLIANCE IS INSTALLED IN A DISTURBLE DATE. WHERE A FUEL-BURNING APPLIANCE IS INSTALLED IN A DWELLING UNIT, A CARBOM MONDED EDIECTOR CONFORMING TO CAN, /CGA-B-19,CSA 6.19 OR UL2034 SHALL BE INSTALLED ADJACENT TO EACH SLEEPING AREA. CARBON MONDINGE DETECTOR(S) SHALL BE PERMANEHTLY WIRED SO THAT ITS ACTIVATION WILL ACTIVATE ALL CARBON MONOXIDE DETECTORS AND BE EQUIPPED WITH AN ALARM THAT IS AUDIBLE WITHIN BEDROOMS WHEN THE INTERVENING DOORS ARE CLOSED.

SOIL GAS CONTROL (OBC 9.13.4.1 & 9.13.4.2) PROVIDE CONSTRUCTION TO PREVENT LEAKAGE OF SOIL GAS INTO THE BUILDING IF REQUIRED.

DRAIN WATER HEAT RECOVERY UNIT (DWHR) PER SBIZ-31,112, A BRADA WASTED HEAT RECOVERY (DWIRR)
UNIT SHALL BE INSTALLED IN EACH AWELLING UNIT TO RECEIVE
DRAIN WATER FROM ALL SKOWERS OF FROM AT LEAST TWO
SHOWERS WHERE THERE ARE TWO OR MORE SHOWERS IN THE
DWELLING UNIT. DOES NOT APPLY IF THERE ARE NO SHOWERS (
NO STOREY, BENEATH ANY, OF THE SHOWERS.)

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CONTRACTOR MUST VERIFY ALL DIMENSIONS ON THE JOB AND REPORT ANY DISCREPANCY TO VA3 DESIGN INC. BEFORE PROCEEDING WITH THE WORK.

FEB 2 5 2021

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> SR-12 COMPLIANCE PACKAGE 'AT TO BE USED FOR THIS MODEL. The minimum thermal performance of building envelope and equipment shall conform to the

selected package unless otherwise noted. REVISION: • ONT. REG. 332/12-2012 OBC Amendment O. Reg. 88/19

JAN. 01, 2020

'A1' **PACKAGE**

Greenpark.

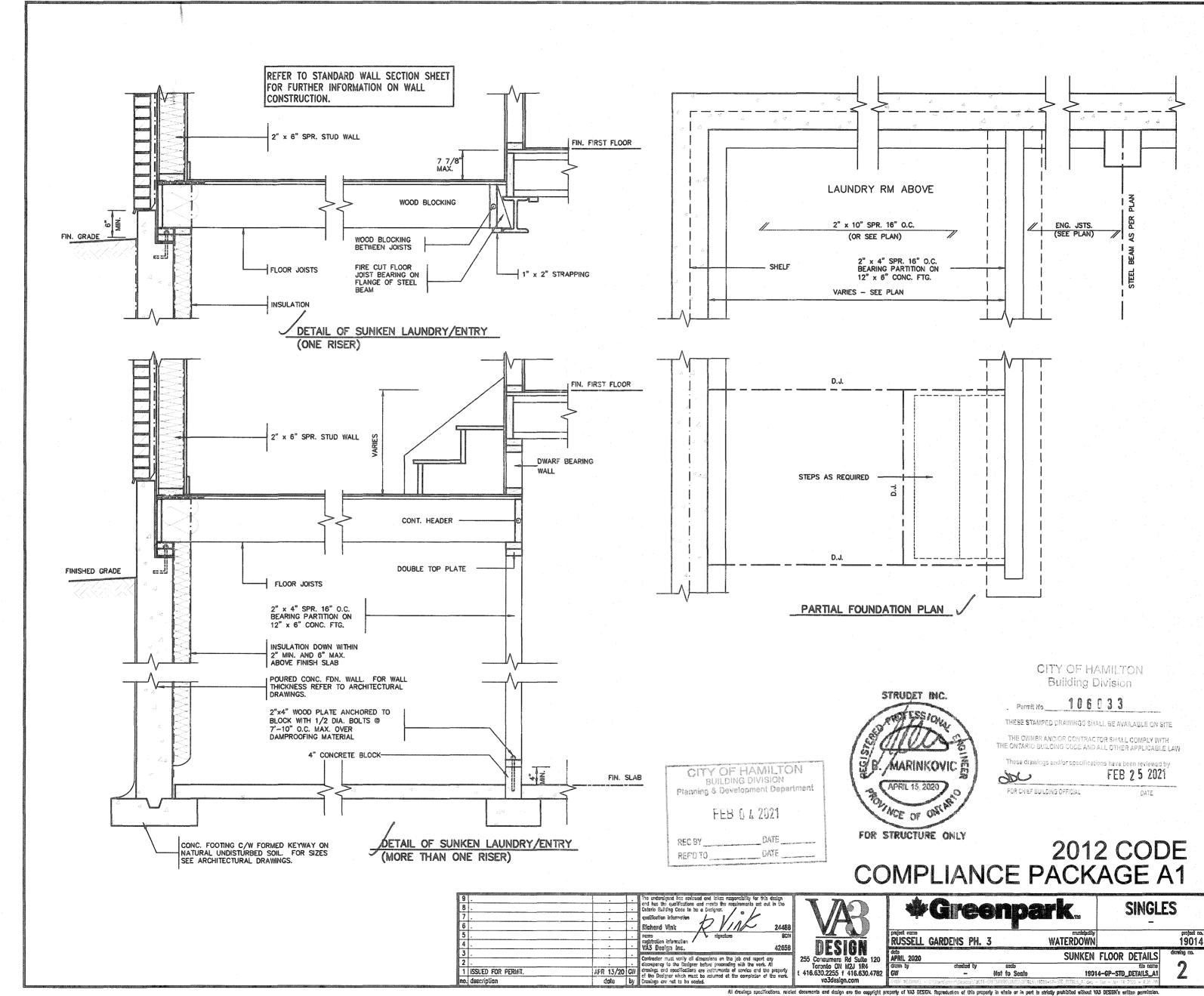
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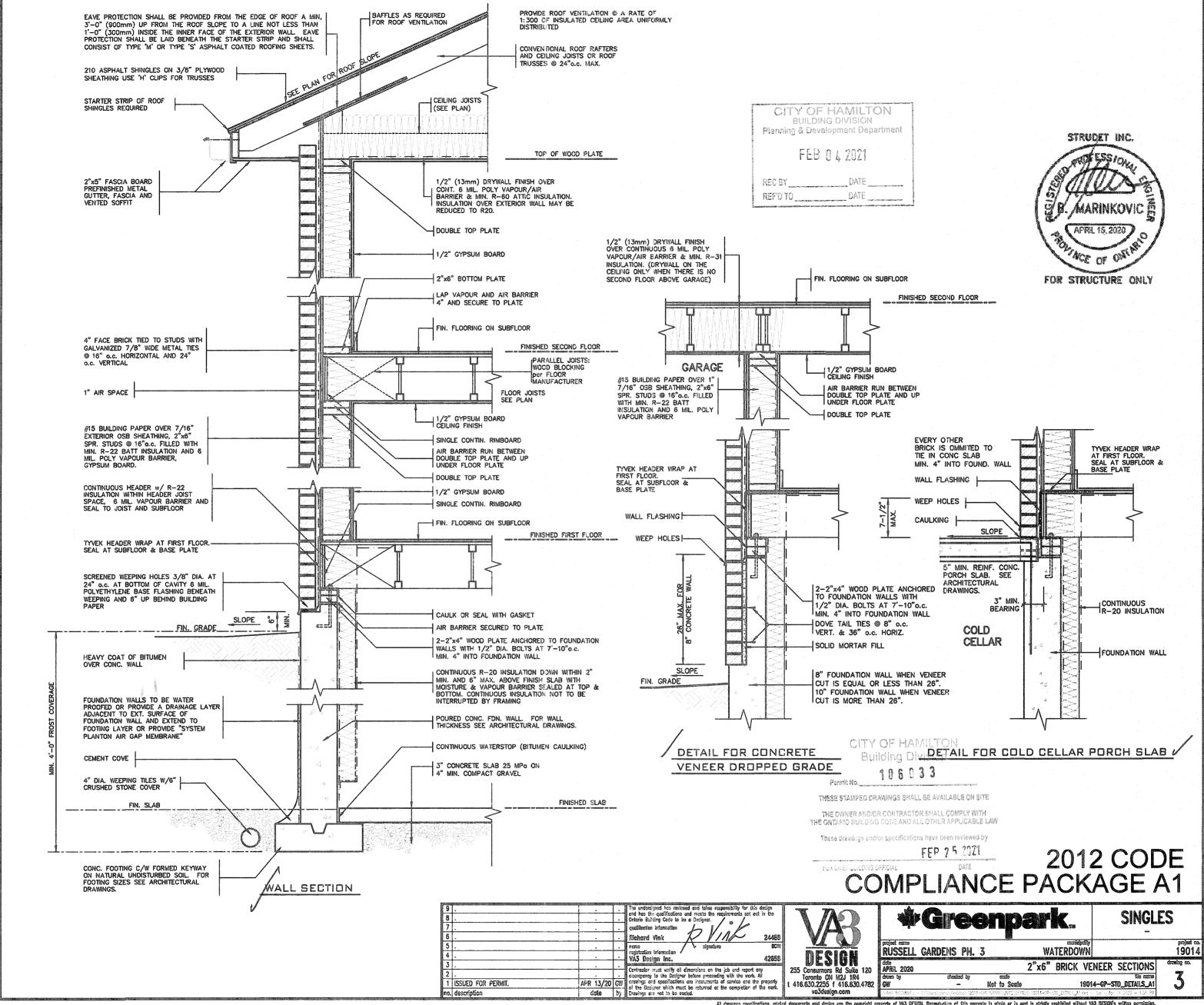
RUSSELL GARDENS PH.3 WATERDOWN TYPICAL CONSTRUCTION NOTES

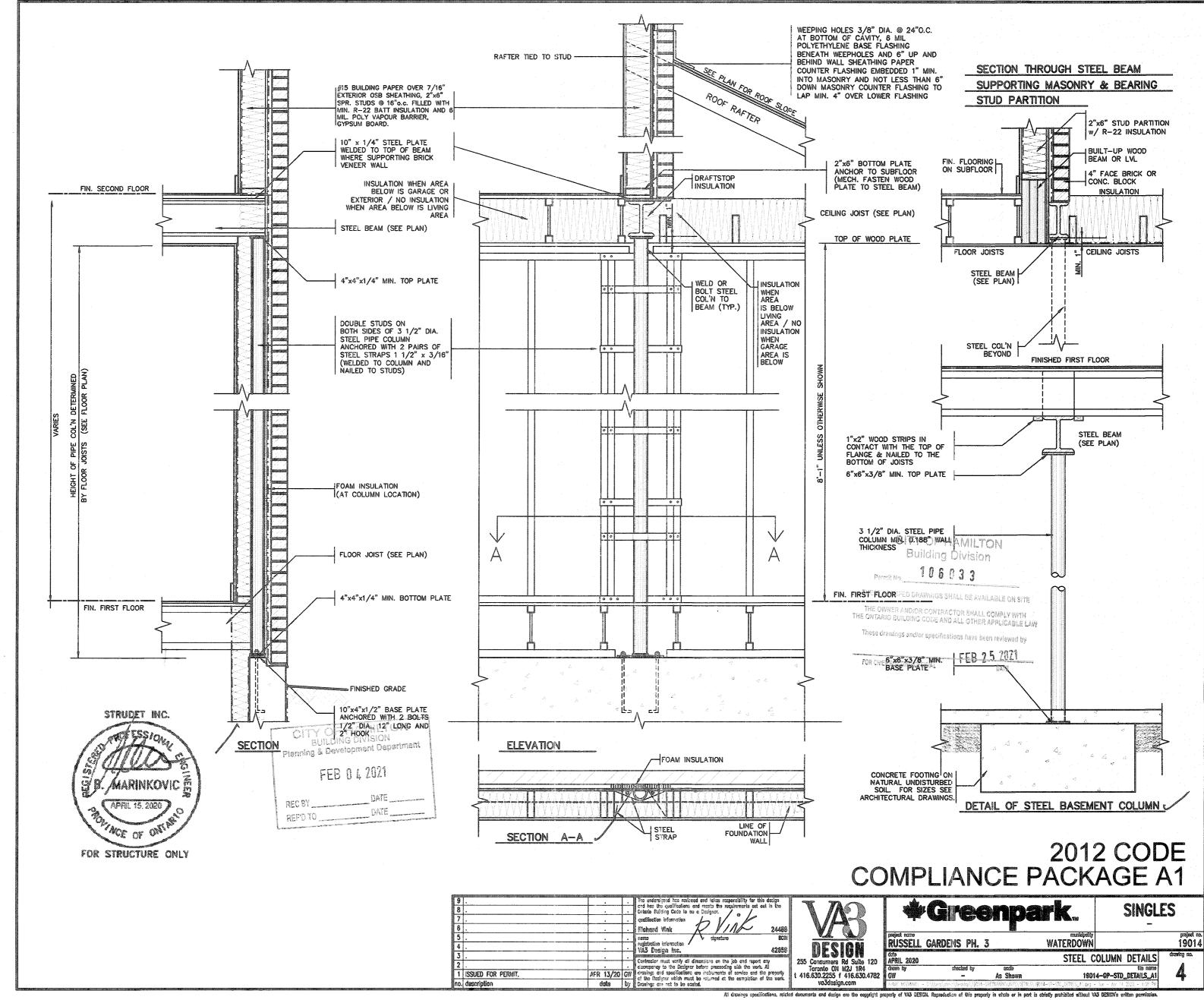
GW 3/16" = 1'-0" GP-14X18-NOTES-2020-VA3-PKG-A1-19014

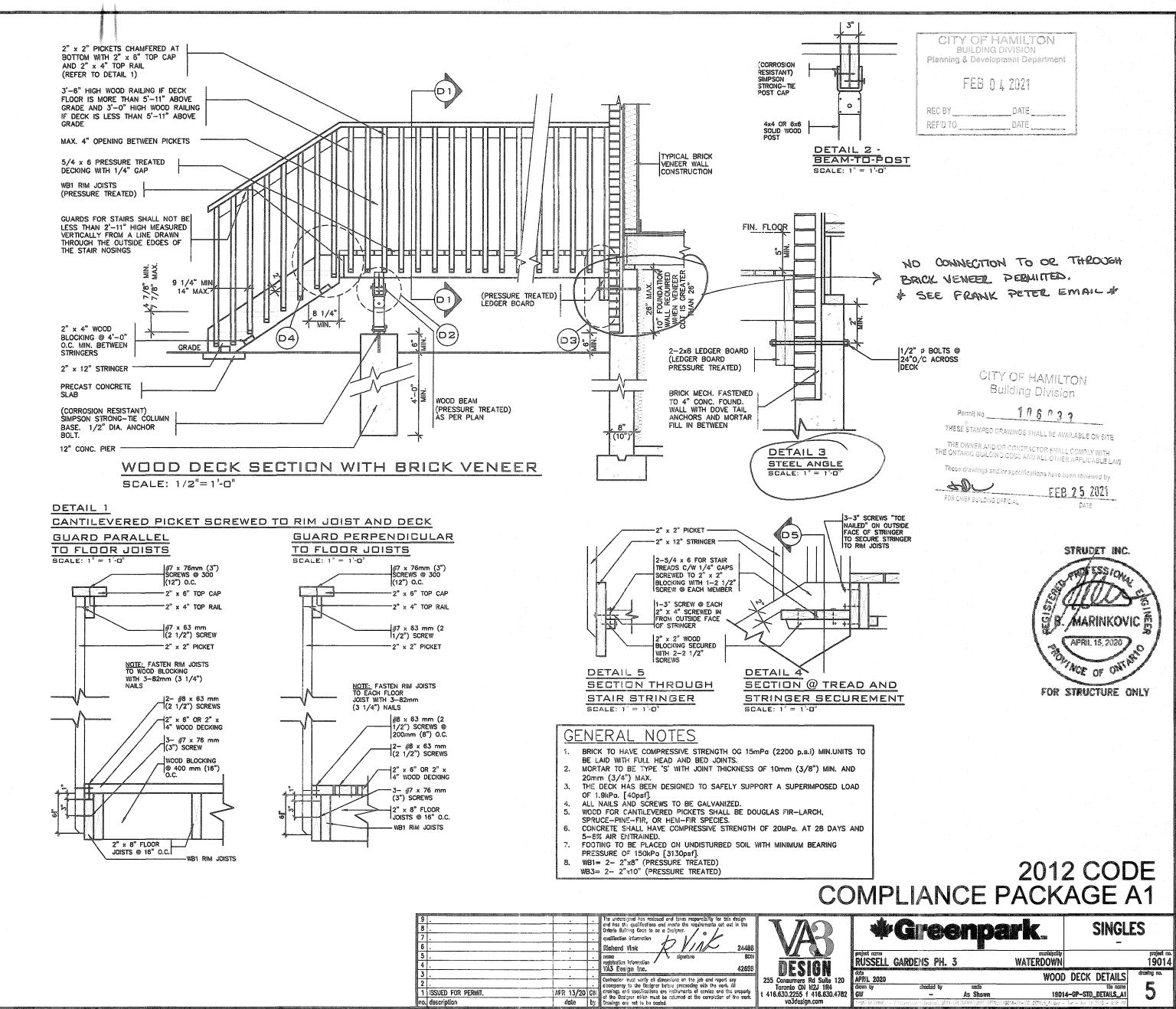
19014

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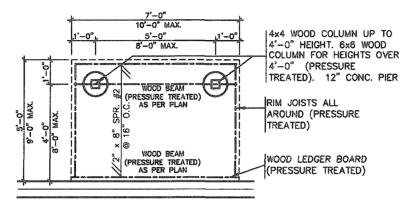






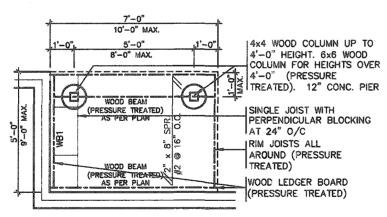
CITY OF HAMILTON BUILDING DIVISION Planning & Development Department FEB 0 4 2021

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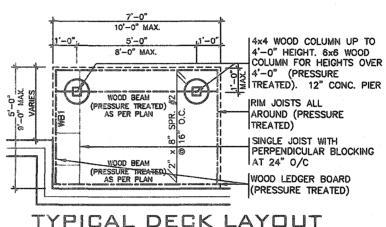
TYPICAL DECK LAYOUT

SCALE: 1/4"=1'-0"



TYPICAL DECK LAYOUT

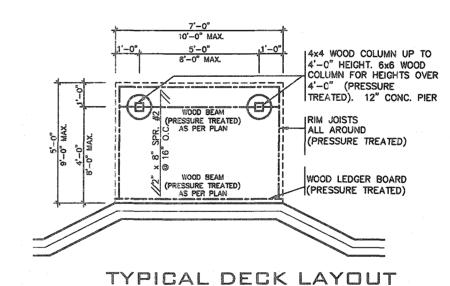
SCALE: 1/4"=1'-0"



TYPICAL DECK LAYOUT

SCALE: 1/4"=1'-0"

SCALE: 1/4"=1'-0"



CITY OF HAMILTON Building Division

Permit No. 106033

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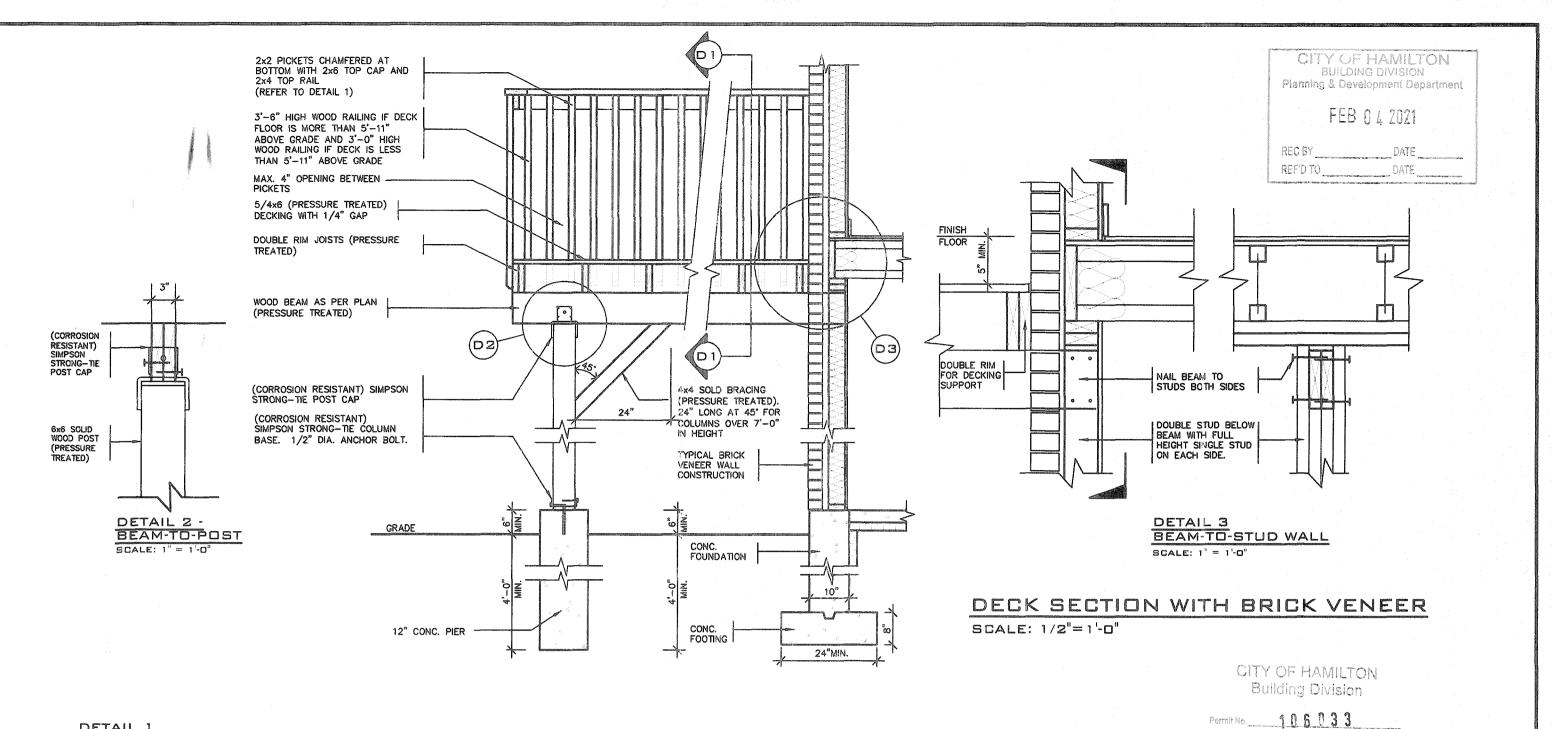
70C FEB 2 5 2021 FOR CHIEF BUILDING OFFICIAL

STRUDET INC.

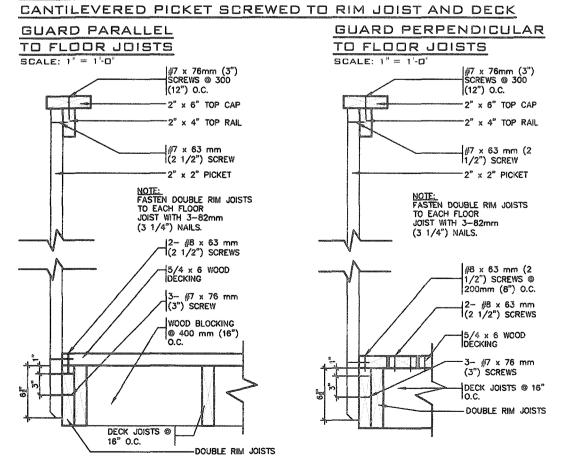
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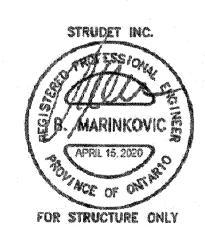




DETAIL 1



- GENERAL NOTES BRICK TO HAVE COMPRESSIVE STRENGTH OG 15mPa (2200 p.s.i) MIN.UNITS TO
- BE LAID WITH FULL HEAD AND BED JOINTS. MORTAR TO BE TYPE 'S' WITH JOINT THICKNESS OF 10mm (3/8") MIN. AND 20mm (3/4") MAX.
- 20mm (3/4") MAX.
 THE DECK HAS BEEN DESIGNED TO SAFELY SUPPORT A SUPERIMPOSED LOAD
 OF 1.9kPa. [40psf].
 ALL NAILS AND SCREWS TO BE GALVANIZED.
 WOOD FOR CANTILEVERED PICKETS SHALL BE DOUGLAS FIR—LARCH,
 SPRUCE—PINE—FIR, OR HEM—FIR SPECIES.
 CONCRETE SHALL HAVE COMPRESSIVE STRENGTH OF 20MPa. AT 28 DAYS AND
 5—8% AIR ENTRAINED.
 FOOTING TO BE PLACED ON UNDISTURBED SOIL WITH MINIMUM BEARING.
- FOOTING TO BE PLACED ON UNDISTURBED SOIL WITH MINIMUM BEARING
- PRESSURE OF 150kPa [3130psf].
- WB1= 2- 2"x8" (PRESSURE TREATED) WB3= 2- 2"x10" (PRESSURE TREATED)



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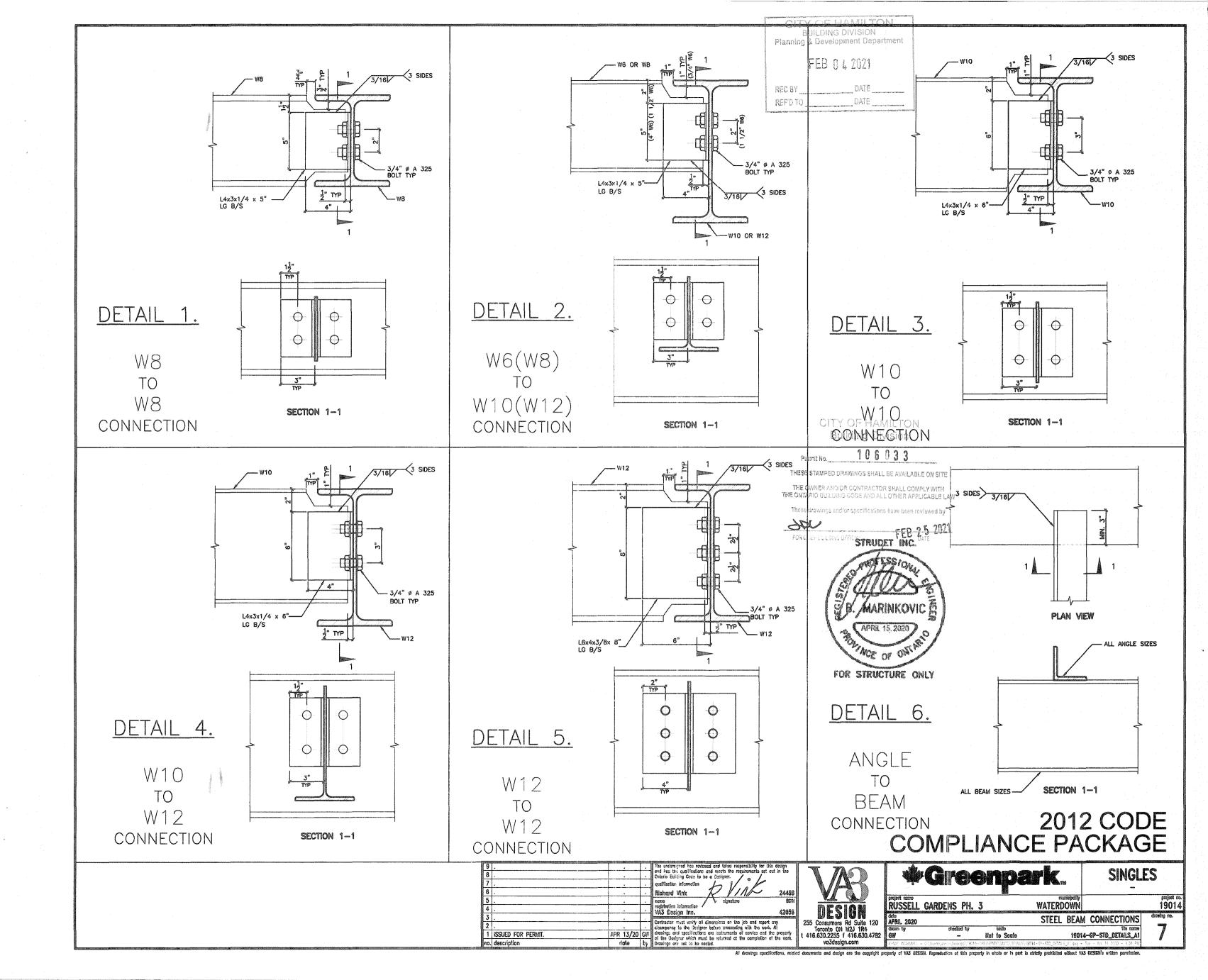
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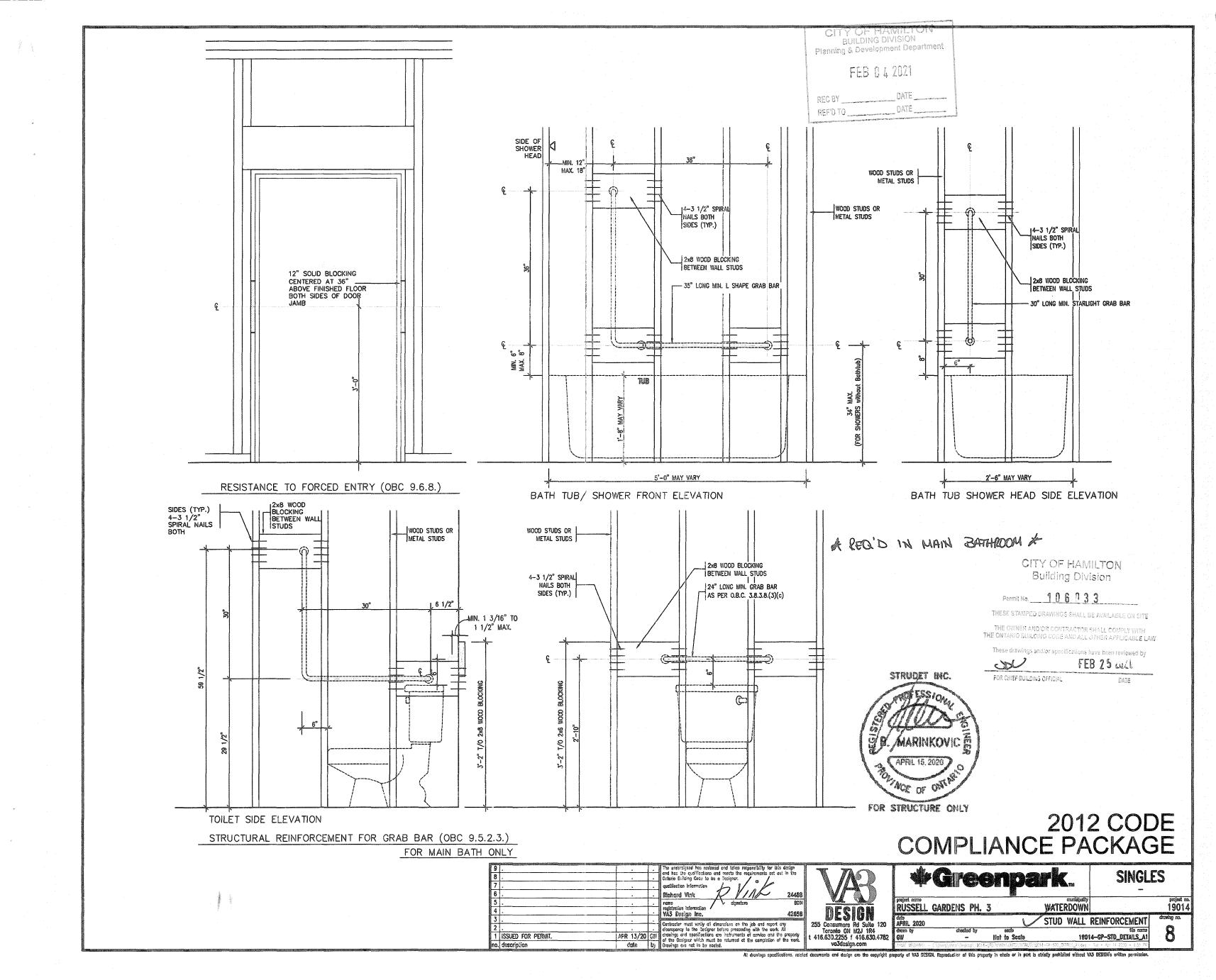
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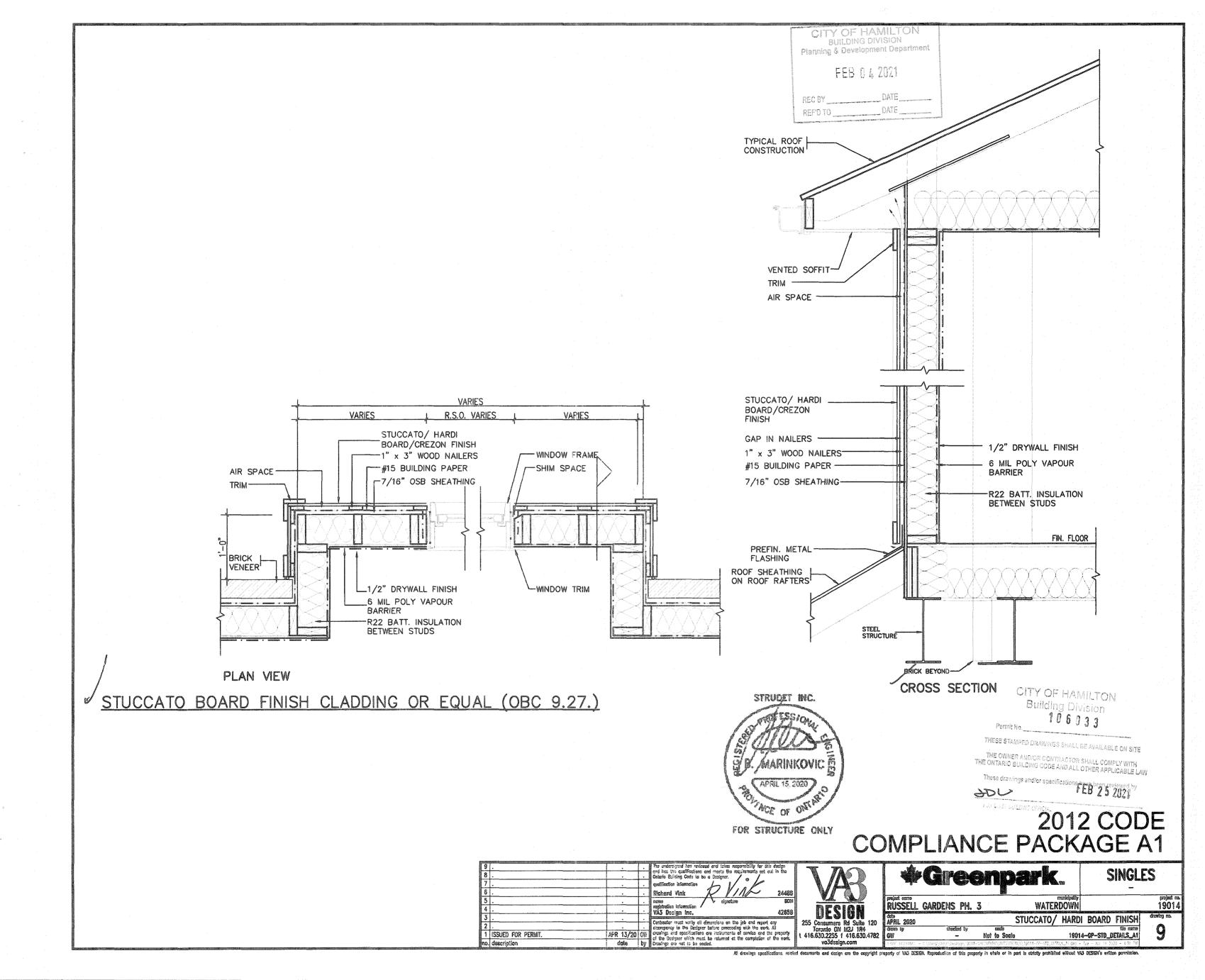
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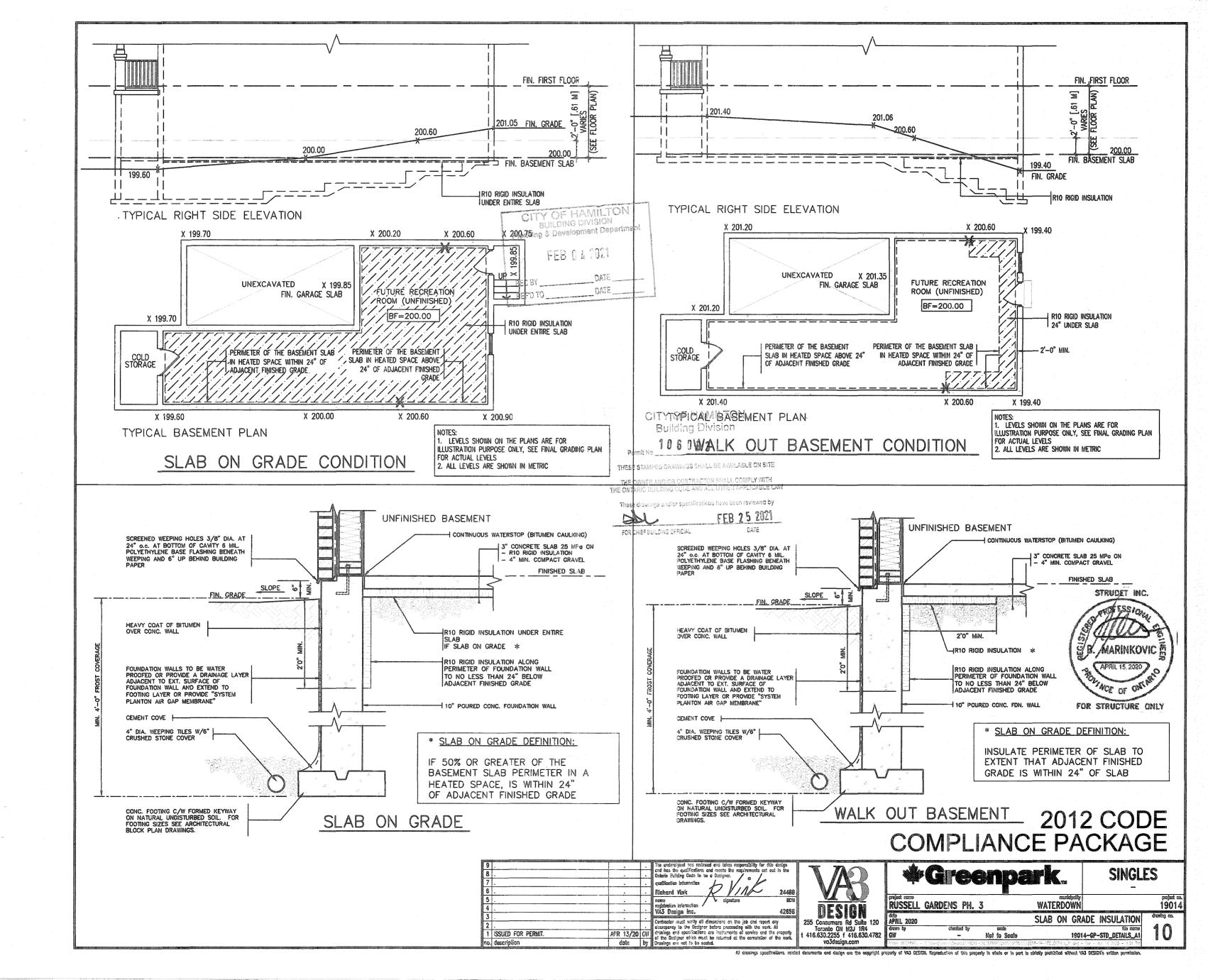
FOR CHIEF BUILDING OFFICIAL

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			Richard Vink 2 /// 24488						400	
•		,	name signature SCN		project nume	AABBELLO BII	97	municipality		project no
•		•	registration information / 42658	DESIGN	RUSSELL	GARDENS PH.	3	WATERDOWN		19014
•					dote APRIL 2020		WOOD DECK	DETAILS-WALK-	OUT CONDITION	drawing no.
			Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All	T	dress by	checked by	11000 02011	AP11/1PA 111/FI/	file name	
ISSUED FOR PERMIT.	AFR 13/20	CW	clawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work.	t 416.630.2255 f 416.630.4782			As Shown	19014	-GP-STD_DETAILS_A1	0
description	date	by	Drawings are not to be secied.	vo3design.com		- C.\Users\ateof\Desklop\ 1901	4-CPFCWPARK\UNITS\DETALS	5.19014-GP-STD_DETAILS_A1.dwg -		









CITY OF HAMILTON Planning & Development Department FEB 0 4 2021 DATE GENERAL NOTESEF'D TO DATE 1. EXTERIOR STAIRS 7 7/8" RISE MAXIMUM 8 1/4" RUN MINIMUM 9 1/4" TREAD MINIMUM 2. MASONRY TIES WHEN BRICK FACING IS USED ABOVE GROUND LEVEL, PROVIDE 3/16" DIA. CORROSION RESISTANT METAL TIES @ 36" HORIZONTAL & UNHEATED AREA 8" VERTICAL 3. GUARDS ARE REQUIRED AROUND CONCRETE SLAB IF MORE THAN 2"-0" ABOVE GRADE & ON BOTH SIDES OF STAIRS CONTAINING MORE THAN 6 RISERS. MINIMUM 34" HIGH FOR STAIRS MINIMUM 36" HIGH FOR PORCHES UP TO 5"-11" ABOVE GRADE. MINIMUM 42" HIGH FOR GREATER HTS. GUARD & HANDRAIL BOTTOM REINF. <u>UNEX</u> 10" 4. HANDRAIL ARE REQUIRED WHERE STEPS HAVE MORE THAN 3 RISERS . HANDRAIL HEIGHT $34^{\prime\prime}-38^{\prime\prime}$. **B** UPPER REINF. 10M @ 8" O.C. 5. FOUNDATION WALLS THICKNESS OF FOUNDATION WALLS IS DEPENDANT UPON VENEER CUT 8" FOR UP TO 26" VENEER CUT HEIGHT 10" FOR VENEER CUT OVER 26" HIGH FOUNDATION PLAN 6. CONCRETE GROUND FLOOR PLAN MINIMUM CONCRETE STRENGTH SHALL BE 4650 PSI [32MPa] W/ 5%-8% AIR ENTRAINMENT MINIMUM CONCRETE SLAB THICKNESS 5" FOR POURED CONCRETE SLAB STRUCTURE REFER TO ARCHITECTURAL DRAWINGS CLEAR SPACING BETWEEN
PICKETS TO BE 4" MAX. NO
HORIZONTAL MEMBER BETWEEN
6" & 2'-11" ABOVE SLAB IS
PERMITTED. 7. CONCRETE COVER PROVIDE MINIMUM 3/4" CLEAR CONCRETE COVER TO REINFORCING BARS MASONRY EXTERIOR FACING, FILL SPACE BETWEEN WALL & FACING W/ MORTAR & PROVIDE METAL TIES SEE NOTE '2' BOTTOM REINF. 10M @8° O.C. STRUCET INC. POURED FDN. WALL MARINKOVIC APRIL 15, 2020 6" X 16" POURED CONC. FOOTING CITY OF HAMILTON SECTION 'B' uilding Division NOE OF ONTHE SECTION 'A' NOTE: FOR MORE THAN 8 RISERS FOR STRUCTURE ONLY Permit No. 106033 THESE STAMPED DRAWINGS SHALL BE AVAILABLE ON SITE THE OWNER AND/OR CONTRACTOR SHALL COMPLY WITH THE ONTARIO BUILDING CODE AND ALL OTHER APPLICABLE LAW These drawings and/or specifications have been reviewed by SOU FEB 25 2021 FOR CHIEF BUILDING GEFICIAL **2012 CODE COMPLIANCE PACKAGE A1** #Greenpark. **SINGLES** 24488 project no. 19014

255 Consumers Rd Suite 120 Toronto ON M2J 1R4 t 416.630.2255 f 416.630.4782 va3design.com

RUSSELL GARDENS PH. 3

42658

1 ISSUED FOR PERMIT.

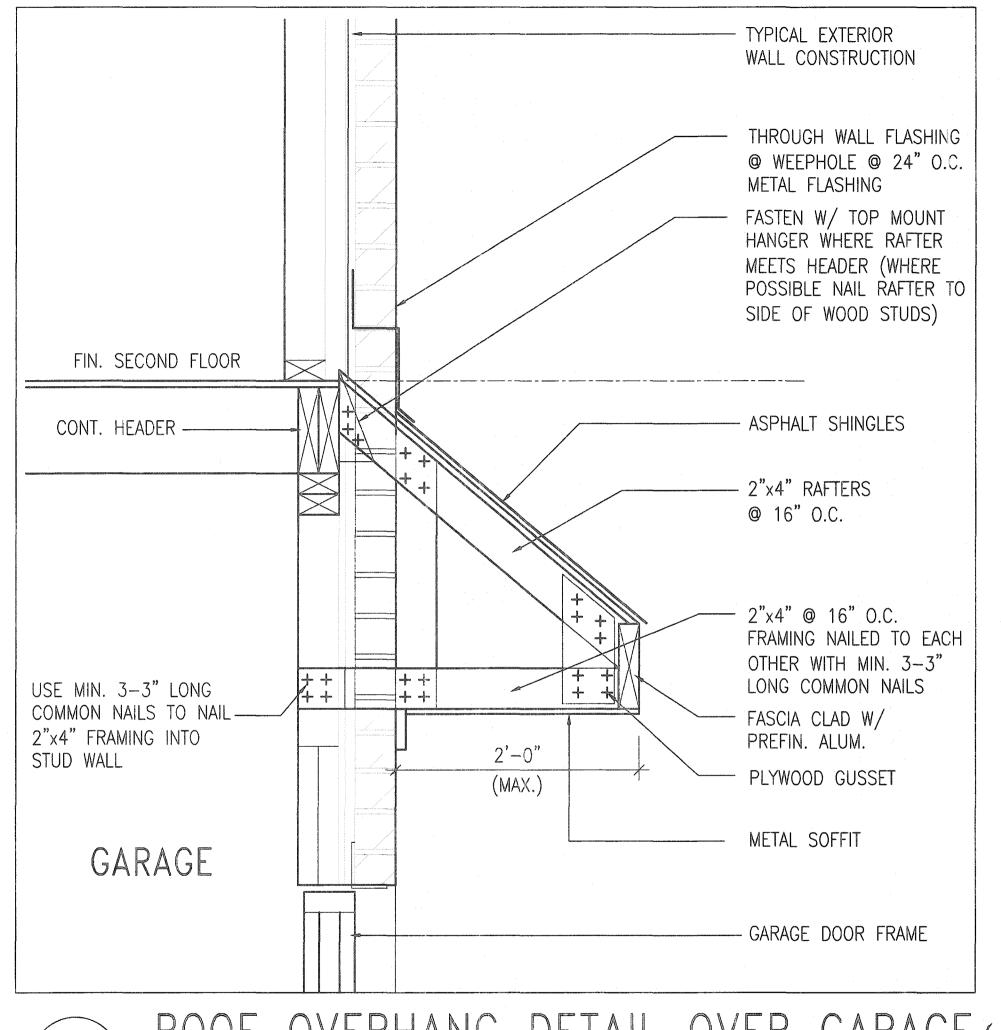
APR 13/20 GW

WATERDOWN

Not to Scale

POURED CONC. PORCH STEPS

19014-GP-STD_DETAILS_A1



CITY OF HAMILTON
BUILDING DIVISION
Planning & Development Department

FEB 0 4 2021

CITY OF HAMILTON Building Division

Permit No. 106 033

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FEB 2 5 2021

STRUDET INC.

FOR STRUCTURE ONLY

ROOF OVERHANG DETAIL OVER GARAGE

2012 CODE **COMPLIANCE PACKAGE A1**

Not to Scale

9	•	•		The undersigned has reviewed and takes responsibility for this design	Г
8	,			and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer.	
7				qualification information	
6				Richard Vink 2 /// 24488	
5				nome signature BCRI	
4			,	registration information / 42658	
3					1 .
2				Contractor must verify all dimensions on the jab and report any discrepancy to the Designer before proceeding with the work. All	Z
1	ISSUED FOR PERMIT.	APR 13/20	G₩	crowings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work.	1 4
no.	description	date	by	Drawings are not to be scaled.	



*Greenpark.

SINGLES

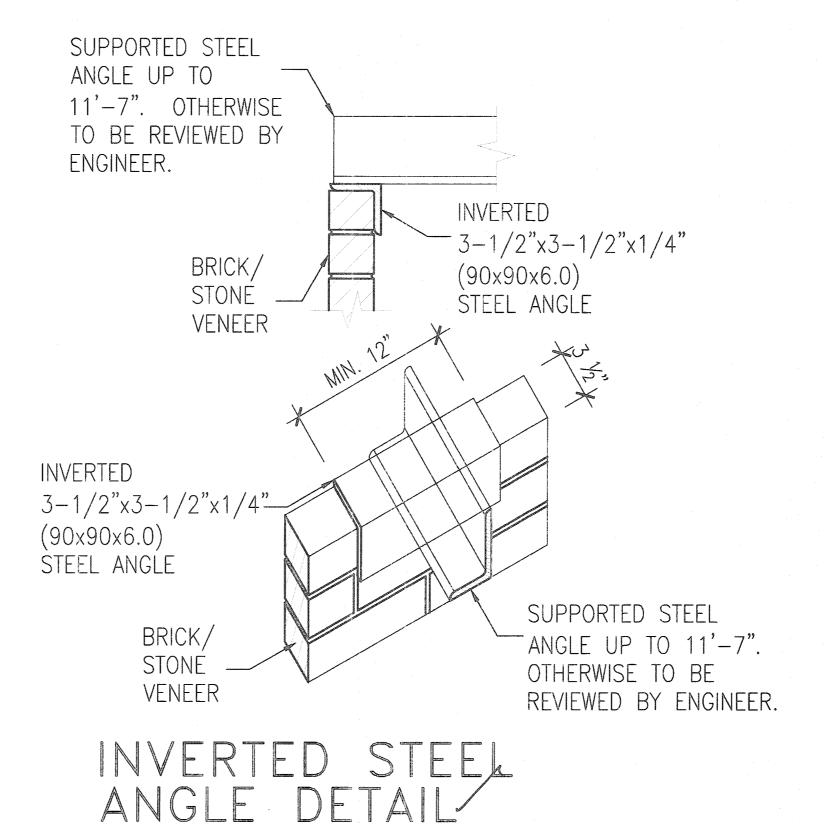
project no. 19014

RUSSELL GARDENS PH. 3

WATERDOWN DETAIL OF EXTENDED ROOF

CITY OF HAMILTON BUILDING DIVISION Planning & Development Department

FEB 0 4 2021



CITY OF HAMILTON Building Division

Permit No. 106033

THESE STAMPED DRAWINGS SHALL BE AVAILABLE ON SITE

FOR STRUCTURE CHLY

2012 CODE **COMPLIANCE PACKAGE A1**

9 . 8 . 7 . 6 .		· · ·	The undersigned has reviewed and takes responsibility for this design and has the qualifications and master the requirements set out in the Ontario Bulling Code to be a Basigner. qualification information Richard Vink 2448	VAR *		Greenpa	rk.	SINGLE	
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2	APR 13/20 date	100	Contraction must verify all dimensions on the job and report any contractory to the Designer before proceeding with the work. All creating and social defense are instruments of service and the property of the Designer which must be returned at the completion of the work. Drawings are not to be seeded.	255 Consumers Rd Suite 120 Toronto ON M2J 1R4	APRIL 2020 drawn by	checked by section Not to Scalo - Not to Scalo - Character (Nestep) 19014-047 (NOTAL OF ALS) 18		D STEEL ANGLE The restrict 4-GP-STD_DETAILS_A1 The Apr 14 2020 439 PM	13

TYP. EXTERIOR WALL CONSTRUCTION 3 FIN. SECOND FLOOR SINGLE PLY RUBBER ____ MEMBRANE ON 5/8" T&G PLYWOOD SHEATHING (SLOPE TO FRONT) PREFIN. METAL CAP-AND FLASHING 2-2"x6"-2"x6" AT END & 3/8" EXT. MIDDLE SHEATHING 2"x3"— EXTERIOR FINISH GARAGE (REFER TO ELEV'S.) 0 0 1/2" EXT. - 2-2"x10" 0 SHEATHING AT END & 0 2-2"x10"-MIDDLE 0 DRIP EDGE-TYP. BRICK $\langle 3B \rangle$ JOIST HANGER VENEER CONSTRUCTION 24" MAX. CANOPY DETAIL SCALE: N.T.S

CITY OF HAMILTON
BUILDING DIVISION
Planning & Development Department

FEB 0 4 2021

REC BY DATE

REPD TO DATE

CITY OF HAMILTON Building Division

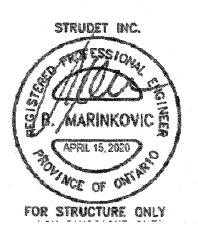
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THESE STAMPED DRAWINGS SHALL BE ALRAH ASLESS AND

THE OWNER AND/OR CONTRACTOR SHALL COMPLY WITH THE ONTARIO BUILDING COUL AND ALL OTHER APPLICABLE LA

mose drawings and/or specifications have been reviewed

FOR CHIEF BUILDING OFFICIAL D



2012 CODE COMPLIANCE PACKAGE A1

	9 . 8 . 7 . 6 .			The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a designer. qualification information Richard Vink 24488	VAR	\	Gre	enparl	C	SINGL	ES
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	no. description	dote	by	Drawings are not to be scaled.	va3design.com ed documents and design are the copyright a	ARRE VICTORIA	i C.\Users\eneri\lesktop\19014 ESIGN. Reproduction of this proj	I-GREENBARK\UNITS\DETAKS\19014-09-St perty in whole or in part is strictly pr	D_DETAES_A'.dwg -	- Tue - Am 14 2070 - 4:39 PM AJ DESIGN's existen permission.	